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FACSIMILE COVER SHEET

To: Examiner Eric Kiss From: John C Kennel (512-439-5087)
Fax: 703-746-7240 Date: February 21, 2003
Phone: 703-305-7737 Pages: 2
Re: Proposed Amendment for 09/375,328

Message:

Examiner Kiss,

Attached, please find a proposed amendment to claims 1 and 14. At your convenience, I would like to discuss these amendments in an after final interview.

Sincerely,

John C Kennel

If you do not receive all pages, please call (512) 439-5080.

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PATENT

PROPOSED AMENDMENT

Application Serial No. 09/375,328. Deleted matter is denoted by bold, bracketed type. Added matter is denoted by bold, underlined type.

1. (Amended) A method for transferring vector data in a computer system, the method comprising:
 - identifying use of vector data in an application program;
 - implementing at least one vector data instruction for transferring the vector data between a memory and a vector buffer, the vector buffer local to a processor; and
 - implementing at least one vector data instruction for transferring the vector data between the vector buffer and a register, the vector data in the [buffer] register being accessible by [a] the processor in the computer system.

14. (Amended) A data processing system comprising:
 - a data processor, said data processor comprising:
 - a cache,
 - a register file, and
 - a vector buffer;
 - means for identifying use of vector data in an application program;
 - at least one vector data instruction for transferring the vector data directly between a memory and the vector buffer; and
 - at least one vector data instruction for transferring the vector data directly between the vector buffer and the register file, the vector data in the [buffer] register file being accessible by the data processor; and
 - a synchronization instruction to synchronize accessing the vector data with processing the vector data.